Fig. 6.

The Stone of *Antony Germain*, of half its natural Size, view'd by its poſterior Surface, which lay on that of the Bladder repreſented by *Fig.* 5.

E, The poſterior End of the Stone.

F, The anterior End anſwering to the Neck of the Bladder.

gg, The circular Furrow remark'd above.

N. B. The *Catheter*, TAB. IV. *Fig.* 1. and 2. is figured, and a ſhort Account given of it, in the *Med. Eſſays*, Vol. V. p. 466. *C. M.*

XII. *Abſtract of a Letter from Monſieur* De Bozes, *Profeſſor of Experimental Philoſophy, at the Academy of* Wirtemberg, *to Monſieur* De Maizau. *Communicated by Mr.* Baker *from Mr.* Ellis, *and tranſlated out of the* Latin *by Mr.* Baker.

Read May 23. 1745. A Hollow Globe of Glaſs, of ſix or eight Inches Diameter, being ſwiftly turned round upon its *Axis*, by means of a large Wheel, in the Manner Mr. *Haukesby* formerly adviſed; and being rendered as electrical as poſſible by the Application of a dry woolen Cloth, or rather of a very dry Hand; if, whilſt in this ſwift Rotation, it be brought near the End of an iron Bar, ſuſpended by Strings of Silk that are exceedingly well dried, ſuch an electric Power will be communicated to the the Iron, that, upon touching the other End of it with one's Finger, not only Sparks of Fire, in the

uſual

uſual Manner, will be emitted very briskly, but even Blood will be drawn from the Finger; the Skin of which will be burſt, and a Wound appear as if made by a Cauſtic.

2. If highly rectify'd Spirit of Wine heated in a Spoon, the ethereal Spirit of *Frobenius*, Oil of Turpentine, Sulphur, Pitch, or Reſin melted, be applied to the iron Bar, inſtead of one's Finger, the Sparks proceeding therefrom will ſet it on Fire inſtantly.

3. A Chair being ſuſpended by Ropes of Silk, made perfectly dry, a Man placed therein is render'd ſo much electrical by the Motion of the above-mentioned Globe, that, in the dark, a continual Radiance, or *Corona* of Light, appears incircling his Head, in the manner Saints are painted.

4. If ſeveral ſuch-like Globes, or electric Tubes, are brought near the Man ſuſpended in the Chair, the Motions of the Heart and Arteries are very ſenſibly increaſed; and if a Vein be opened under the Operation, the Blood that comes from it appears lucid like *Phoſphorus*, and runs out faſter than when the Man is not electrify'd.

5. Water, in like manner, ſpouting from an artificial Fountain ſuſpended by ſilk Lines, ſcatters itſelf in luminous little Drops; and a larger Quantity of Water is thrown out, in any given Time, than when the Fountain is not made electric.

N. B. If three, four, or five Globes be employed, the Effect will be proportionably better: And Monſieur *L'Abbé Nollet* has found, that Globes or Tubes made of Glaſs, coloured blue with *Zaffer*, are preferable to others; for when the Glaſs is blue, the Experiments ſucceed in all Weathers;

Weathers; whereas, in damp Weather, the white Glaſs loſes much of its electric Power.

XIII. *A Catalogue of the* FIFTY PLANTS *from* Chelſea-Garden, *preſented to the* ROYAL SOCIETY *by the Company of* Apothecaries, *for the Year* 1743. *purſuant to the Direction of Sir* Hans Sloane, *Bart. Med. Reg. & Soc. Reg.* nuper *Præſ. By* Joſeph Miller, *Apothecary, Hort.* Chelſ. *Præſ. & Prælector Botan.*

Preſented May 30. 1745.

1051 AConitum hyemale. *Ger. Park.*
1052 Arbutus folio ſerrato. *C. B.*
1053 Arum venis albis, lituris nigris maculatum. *Hort. R. Par.*
1054 Aſteroides *Alpina*, ſalicis folio. *Tourn.*
1055 Barbarea, *J. B.* flore ſimplici. *Park.*
1056 Blitum perenne: *Bonus Henricus. J. B. G.*
1057 Canella alba *Off.* Cort. *Winterannus* vulgo.
1058 Cardiaca, flore caneſcente. *Amman.*
1059 Convolvulus cœruleus minor *Hiſpanicus. Park.*
1060 Cyperus odoratus radice longa. *C. B.*
1061 Cyperus rotundus eſculentus anguſtifolius. *Ibid.*
1062 Cytiſus incanus, ſiliquis falcatis. *C. B.*
1063 Cytiſus glaber foliis ſubrotund. pediculis breviſſimis. *Ibid.*
1064 Draba ſiliquis donata. *C. B.*
1065 Fagopyrum vulgare erectum. *Tourn.*